

In the Specification

Please substitute the paragraph beginning on page 5, line 5, with the following paragraph:

Figures 7A-D is an alignment of the mouse and human PCTA-1 proteins. The amino acid sequences provided in the alignment are presented as SEQ ID NOs: 13 (leg2), 14 (leg1), 15 (PCTA), 16 (PCTA.var), 17 (PCTA.mus), 18 (gal9-1), 19 (gal), 20 (leg7), 21 (gal4), and 22 (consensus sequence).

Please substitute the following paragraph, beginning at page 5, line 26, with the following paragraph (added by Applicants' Amendment dated February 24, 2003):

SEQ ID NO:12 contains a genome is a version of the polynucleotide sequence of the *PCTA-1* gene of SEQ ID NO: 1 that provides symbols appropriate for indicated allelic substitutions at nucleotide positions 402, 67092, 68525, 82234, and 82393. SEQ ID NO: 12 comprising the 5' regulatory region (upstream-untranscribed region), the exons (0, 1, 2, 3, 4, 5, 6, 6bis, 7, 8, 9, 9bis, and 9ter) and introns, and the 3' regulatory region (downstream-untranscribed region). This sequence is identical to that of SEQ ID NO:1 and these SEQ ID NOs may be used interchangeably throughout the subject application.

Please replace pages 1-157 of the Substitute Sequence Listing submitted to the Patent Office on February 24, 2003, with the accompanying Sequence Listing as new pages 1-212.